KLG INTERNATIONAL
LOCALIZED GLOBAL KNOWLEDGE

IMPLEMENTATION OF
ISO/IEC 27001:2022

Duration

24 hours

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INTRODUCTION

The adoption of an Information Security Management System (ISMS) is a strategic decision for the organization. Therefore, it is crucial to understand that the implementation of the ISMS is influenced by the needs and objectives of the organization, its security requirements, the organizational processes used, and the size and structure of the organization. The purpose of an ISMS is to preserve the confidentiality, integrity and availability of information by applying a risk management process, thus giving the necessary confidence for stakeholders to count on risks to be managed appropriately.

OBJECTIVE

The participant will identify the key aspects for the implementation and documentation of the requirements and controls of an Information Security Management System (ISMS), based on the international standard ISO/IEC 27001:2022 or its equivalent NMX.

AT THE END OF THE PARTICIPANT

- You will know how to begin the process of implementing an ISMS in the organization, based on ISO/IEC 27001.
- You will learn about the key aspects to implement the requirements of an ISMS, based on ISO/IEC 27001 and 27003.
- You will learn about the key aspects to implement the controls of an ISMS, based on ISO/IEC 27001, 27002 and 27005.
- You will know how to initiate ISMS documentation in your organization, based on ISO/IEC 27001.

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DIRECTED

The course is aimed at anyone who needs to deepen their knowledge of the structure of the requirements and controls necessary to implement an ISMS, highlighting the following positions and/or responsibilities:

- Officers and/or those responsible for information security, computer security, cybersecurity or cybersecurity.
- Systems managers or Information and communications technology managers.
- Responsible for the management systems and/or certifications of the organizations.
- Responsible for governance and/or internal control of organizations.
- Auditors, consultants or advisors, specialists and people dedicated to information security.
- Managing Directors and/or Business Unit Directors.
- Any other information security-related functions

REQUIREMENTS

Before taking this course, the participant must meet at least one of the following requirements:

- Have taken an introductory or interpretive course on ISO/IEC 27001.
- Have good knowledge of ISO/IEC 27001 and/or experience in information security.

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SYLLABUS

Topic 1:

Implementing an ISMS

Topic 2:

Importance of the requirements of an ISMS (ISO/IEC 27003) (exercises):

- Context of the organization: stakeholders and scope.
- Leadership: politics and roles.
- Planning: risks and opportunities, objectives and changes.
- Performance evaluation: measurements, internal audit, and management review.
- Improvement: continuous improvement and correction.

Topic 3:

Operation: Risk Management (ISO/IEC 27005) (exercises):

- Risk assessment: identification, analysis and evaluation.
- Risk treatment: options and treatment (information security controls).

Topic 4:

Importance of Information Security Controls (ISO/IEC 27002).

Topic 5:

ISMS documentation.